


<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>18062G-006610US</b> U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/524608</b>
INTERNATIONAL APPLICATION NO. PCT/US03/025456	INTERNATIONAL FILING DATE August 14, 2003	PRIORITY DATE CLAIMED August 14, 2002
TITLE OF INVENTION PROTEOME-WIDE MAPPING OF POST-TRANSLATIONAL MODIFICATIONS USING ENDOPEPTIDASES		
APPLICANT(S) FOR DO/EO/US KEVAN M. SHOKAT and ZACHARY KNIGHT		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
- ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☐ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - ☒ is attached hereto (required only if not communicated by the International Bureau).
  - ☐ has been communicated by the International Bureau.
  - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - ☐ is attached hereto.
  - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - ☐ are attached hereto (required only if not communicated by the International Bureau).
  - ☐ have been communicated by the International Bureau.
  - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

- ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☐ A preliminary amendment.
- ☒ An Application Data Sheet under 37 CFR 1.76.
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.
- ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information: Copy of Article 34 Amendment and replacement specification pages 1,3,4,12,39, 42 and 48

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/524608</b>		INTERNATIONAL APPLICATION NO. PCT/US0325456		ATTORNEY'S DOCKET NUMBER 18062G-006610US	
The following fees have been submitted:				<b>CALCULATIONS    PTO USE ONLY</b>	
21. <input checked="" type="checkbox"/> Basic national fee ..... \$300				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$100 All other situations ..... \$200				\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100 International Search Report prepared and provided to the Office ..... \$400 All other situations ..... \$500				\$ 100.00	
<b>TOTAL OF 21, 22 and 23 =</b>				\$ 600.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	32 - 20 =	12	x \$ 50	\$ 600.00	
Independent claims	5 - 3 =	2	x \$200	\$ 400.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$1600.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$ -800.00	
<b>SUBTOTAL =</b>				\$ 800.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				+	\$
<b>TOTAL NATIONAL FEE =</b>				\$ 800.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$
<b>TOTAL FEES ENCLOSED =</b>				\$ 800.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$ 800.00
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>20-1430</u> in the amount of \$ <u>800.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>20-1430</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.					
<b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b) must be filed and granted to restore the International Application to pending status.</b>					
SEND ALL CORRESPONDENCE TO:					
 SIGNATURE					
Kenneth E. Jenkins, Ph.D. NAME					
51,846 REGISTRATION NUMBER					

TOWNSEND  
*and*  
TOWNSEND  
*and*  
CREW

LLP

10/224000  
DT05 Rec'd PCT/PTO 14 FEB 2005  
Patent Office  
California  
Tel 415 76-2400  
San Francisco

Walnut Creek, California  
Tel 925 472-5000

San Diego, California  
Tel 858 350-6100

Denver, Colorado  
Tel 303 571-4000

Seattle, Washington  
Tel 206 467-9600

Two Embarcadero Cent.  
Eighth Floor  
San Francisco  
California 94111-3834  
Tel 415 576-0200  
Fax 415 576-0300

12 March 2004

***VIA EXPRESS MAIL, WITH RETURN POSTCARD ENCLOSED***

PCT International Application Processing Div.  
USPTO International Division  
Assistant Commissioner for Patents  
Mail Stop PCT  
PO Box 1450  
Alexandria, VA 22313-1450

Re: International Application No. PCT/US03/25456  
Title: PROTEOME-WIDE MAPPING OF POST-TRANSLATIONAL  
MODIFICATIONS USING ENDOPEPTIDASES  
Applicant: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA *et al.*  
International Filing Date: 14 August 2003  
Express Mail Label No.: EV 332 021 518 US  
Date of Mailing: 12 March 2004  
Our File No.: 18062G-66PC

Dear Officer:

Enclosed are the Chapter II Demand and eight (8) substitute specification pages 1, 3, 4, 4a, 12, 39, 42 and 48 submitted as an Article 34 Amendment for the above-referenced patent application. The only changes were insertions of SEQ ID: NOs. and corrections of typographical errors that do not include matter which go beyond the disclosure in the international application as filed.

Pursuant to Rule 92*bis*, Applicants respectfully request the recordation of a change in one of the Applicant/Inventor's home address. Please update, Applicant/Inventor III-3-4, Zachary KNIGHT's address to: 255 King Street, Apt. 336, San Francisco, California 94107, United States of America. Applicants respectfully await the Notification of the Recording of a Change, Form PCT/IB/306.

10/524608

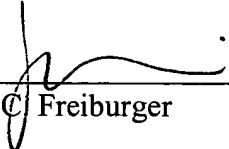
DT Rec'd PCT/PTO 14 FEB 2005

"Express Mail" Label No. EL 979144065US

Date of Deposit: February 14, 2005

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:

Mail Stop PCT  
Commissioner for Patents  
Box 1450  
Alexandria, VA 22313-1450

By:   
Julie C. Freiburger

Enclosures:

Return Postcard  
PTO-1390  
Application - 48 pgs total; 4 pgs claims; 1 pg abstract  
Drawings - 8 pgs  
Copy of Article 34 Amendment with Replacement Pages  
ADS

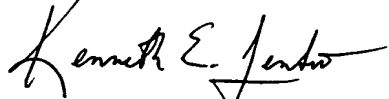
60357603 v1

Also, please update the title of this application to reflect the correction of a typographical error. The correct title is as follows: PROTEOME-WIDE MAPPING OF POST-TRANSLATIONAL MODIFICATIONS USING ENDOPEPTIDASES.

Thank you for your attention to this matter.

Respectfully submitted,

TOWNSEND and TOWNSEND and CREW LLP



Kenneth E. Jenkins  
Reg. No. 51,846

KEJ/nan

Enclosures:

Chapter II Demand w/ Fee Calculation Sheet

Eight (8) substitute specification pages 1, 3, 4, 4a, 12, 39, 42 and 48  
w/ red-lined copies

Five (5) pages of Formal Sequence Listing, Diskette and Statement  
Transmittal Letter and Postcard

60163243 v1